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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
ATTY. DOCKET NO. 78945-35 (RAB:rlt)

In re Patent Application of EDDIE NG E JC139

Serial No. 10/087,863

Filed: March 5, 2002

For: ALL-OPTICAL DYNAMIC GAIN EQUALIZER

Group Art Unit: 2633

Examiner:

RECEIVED

APR 24 2002

**INFORMATION DISCLOSURE STATEMENT** Technology Center 2600

This Information Disclosure Statement is being filed in the manner prescribed by 37 CFR 1.97(b) - (d) to satisfy the duty under 37 CFR 1.56 to disclose to the Office information, known to individuals associated with the filing and prosecution of the subject application, which is material to the examination of the application.

In accordance with 37 CFR 1.97(g) and (h), this statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b).

This information disclosure statement is being filed within three months of the filing date of a national application, within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first official action on the merits and therefore applicant respectfully requests consideration under 37 CFR 1.97(b).

In compliance with 37 CFR 1.98(a)(1), a list of all patents, publications or other information submitted for consideration by the Office is hereby provided by way of the attached Form PTO 1449.

In compliance with 37 CFR 1.98(a)(2), also enclosed is a legible copy of:

- i) each United States and foreign patent;
- ii) each publication or that portion which caused it to be listed; and
- iii) all other information or that portion which caused it to be listed, excluding any copies of a United States patent application.

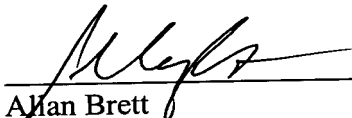
It is respectfully requested that the information be expressly considered by the Examiner and that the references be made of record and appear among the "References Cited" on any patent to issue therefrom.

The Patent Office is hereby authorized to charge any deficiency, or credit any overpayment in fees to Deposit Account Number 19-2550.

Respectfully submitted,

EDDIE NG

Dated: April 18, 2002

  
Allan Brett  
Reg. No. 40,476  
Smart & Biggar  
Box 2999, Station D  
55 Metcalfe Street, Suite 900  
Ottawa, Ontario  
Canada K1P 5Y6  
Telephone: (613) 232-2486  
Fax: (613) 232-8440

Encls.: Form PTO-1449  
All references listed on Form PTO-1449  
Acknowledgement Card

**Group 2633**[illegible][illegible]

	AA		Powering Optical Communications, SDL PIRI V-MUX Series, January 10, 2001.
	AB		P.Yeh; OPTICAL WAVES IN LAYERED MEDIA; (Wiley Series in Pure & Applied Optics), May 1998.
	AC		Brzozowski, L.; Sargent, E.H.; ALL-OPTICAL ANALOG-TO-DIGITAL CONVERTERS, HARDLIMITERS, AND LOGIC GATES, Journal of Lightwave Technology, Vol. 19, No. 1, January 2001.
EXAMINER			DATE CONSIDERED

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.





ON 4 PE JC139  
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Filing Date March 5, 2002

**Group 2633**

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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**OTHER ART (including Author, Title, Date, Pertinent Pages, Etc.)**

OTHER ART (including Author, Title, Date, Pertinent Pages, Etc.)		
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AK		Xia, T.; Hagan, D.J.; Dogariu, A.; Said, A.; Van Stryland, E.W.; OPTIMIZATION OF OPTICAL LIMITING DEVICES BASED ON EXCITED-STATE ABSORPTION, Applied Optics, Vol. 36, No. 18, 20 June 1997.
AL		Shirk, J.S.; Pong, R.G.S.; Bartoli, F.J.; Snow, A.W.; OPTICAL LIMITER USING A LEAD PHTHALOCYANINE, Applied Physics Letter, Vol. 63, No. 14, 4 October 1993.
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**Serial No. 10/087,863**

**Applicant Eddie Ng**

**Filing Date March 5, 2002**

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DOCUMENT NUMBER										DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
														YES	NO

AM		Song, Y.; Fang, G, Wang, Y.; Liu, S.; Li, C.; EXCITED-STATE ABSORPTION AND OPTICAL-LIMITING PROPERTIES OF ORGANOMETALLIC FULLERENE-C <sub>60</sub> DERIVATIVES, Applied Physics Letters, Vol. 74, No. 3, 18 January 1999.
AN		Brzozowski L.; Sargent, E.H.; OPTICAL SIGNAL PROCESSING USING NONLINEAR DISTRIBUTED FEEDBACK STRUCTURES, IEEE Journal of Quantum Electronics, Vol. 36, No. 5, May 2000.
AO		Brzozowski, Lukasz; Sargent, Edward H.; AZOBENZENES FOR PHOTONIC NETWORK APPLICATIONS: THIRD-ORDER NONLINEAR OPTICAL PROPERTIES; Department of Electrical and Computer Engineering, University of Toronto, pp 1-21, Table 1: Nonlinear Material Properties for Azobenzene Dyes, Figures 1 – 7.
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	AP		Miles, Perry; BOTTLENECK OPTICAL PULSE LIMITERS REVISITED; Applied Optics, Vol. 38, No. 3, 20 January 1999, pp 566-570.
	AQ		Sun, Wenfang; Byeon, Clare C.; Lawson, Chris M.; Gray, Gary M.; THIRD-ORDER NONLINEAR OPTICAL PROPERTIES OF AN EXPANDED PORPHYRIN CADMIUM COMPLEX; Applied Physics Letters, Volume 77, Number 12, 18 September 2000, pp 1759-1761.
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